

Title (en)
IN VITRO TUMOR METASTASIS MODEL

Title (de)
IN-VITRO-TUMORMETASTASENMODELL

Title (fr)
MODÈLE DE MÉTASTASE TUMORALE IN VITRO

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Abstract (en)
[origin: WO2013017282A1] This invention provides a system and methods for modeling tumor metastasis in vitro where primary tumor tissue is cultivated in an orientation and an environment such that the natural composition, three-dimensional organization, and environmental conditions of the tumor can be adjusted. The invention further provides mechanism for inducing tumors to undergo metastatic processes resulting in production of tumor progenitor or stem cells that can be collected, characterized, or used to induce tumors in normal tissue constructs in vitro.

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